

GenCore version 5.1.4 p5 4578
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OM protein - protein search, using sw model

Run on: March 24, 2003, 15:51:50 ; Search time 81.1136 Seconds
(without alignments)
659.727 Million cell updates/sec

Title: US-09-988-971-2_COPY_94_176
Perfect score: 446
Sequence: 1 WLVEGLSRKAEELLIPGN.....WLVSRLTPSPLOLVHY 83

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 4569144 seqs, 644733110 residues

Total number of hits satisfying chosen parameters: 4569144

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

pending Patents AA Main:*

1: /cgn2_6/prodata/2/paa/US06_COMB.pep.*
2: /cgn2_6/prodata/2/paa/US07_COMB.pep.*
3: /cgn2_6/prodata/2/paa/US08_COMB.pep.*
4: /cgn2_6/prodata/2/paa/US09_COMB.pep.*
5: /cgn2_6/prodata/2/paa/US082_COMB.pep.*
6: /cgn2_6/prodata/2/paa/US083_COMB.pep.*
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26: /cgn2_6/prodata/2/paa/US103_COMB.pep.*
27: /cgn2_6/prodata/2/paa/US104_COMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	446	100.0	149	27	US-60-208-965-212
2	446	100.0	149	27	US-60-213-178-695
3	446	100.0	197	21	US-09-791-537-122481
4	446	100.0	261	23	US-09-988-971-2
5	439	98.4	210	1	PCT-US01-42950-448
6	358	80.3	159	22	US-09-867-550-954

7	254	57.0	98	7	US-08-359-490-7	Sequence 7, Appli
8	254	57.0	98	8	US-08-475-031-7	Sequence 7, Appli
9	254	57.0	107	21	US-09-791-537-122481	Sequence 152868
10	254	57.0	133	21	US-09-791-537-116222	Sequence 116222
11	254	57.0	383	27	US-60-389-987-784	Sequence 784, App
12	254	57.0	383	27	US-60-412-418-784	Sequence 784, App
13	254	57.0	438	21	US-09-791-537-122929	Sequence 152929
14	254	57.0	454	21	US-09-791-537-122367	Sequence 152367
15	254	57.0	505	6	US-08-232-545-17	Sequence 17, Appl
16	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
17	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
18	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
19	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
20	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
21	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
22	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
23	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
24	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
25	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
26	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
27	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
28	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
29	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
30	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
31	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
32	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
33	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
34	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
35	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
36	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
37	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
38	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
39	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
40	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
41	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
42	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
43	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
44	254	57.0	505	21	US-09-791-537-122367	Sequence 152367
45	254	57.0	505	21	US-09-791-537-122367	Sequence 152367

ALIGNMENTS

RESULT 1

US-60-208-965-212

Sequence 212, Application US/60208965

GENERAL INFORMATION:

APPLICANT: Beasley, Ellen

TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS OF THE

TITLE OF INVENTION: SER/THR AND TYR FAMILY OF KINASES, NUCLEIC ACID MOLECULES

TITLE OF INVENTION: ENCODING THESE HUMAN KINASE PROTEINS, AND USES THEREOF

FILE REFERENCE: CLO00639

CURRENT APPLICATION NUMBER: US/60/208,965

CURRENT FILING DATE: 2000-06-02

NUMBER OF SEQ ID NOS: 244

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 212

LENGTH: 149

TYPE: PRT

ORGANISM: HUMAN

US-60-208-965-212

Query Match 100.0%; Score 446; DB 27; Length 149;

Best Local Similarity 100.0%; Pred. No. 2, 7e-46;

Matches 83; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 WLVEGLSRKAEELLIPGNCGAFILRSQRRSSYSLSVSRPSPMDRIHRHICL 60

DB 66 WLVEGLSRKAEELLIPGNCGAFILRSQRRSSYSLSVSRPSPMDRIHRHICL 125

QY 61 DNGWLYSPRLTPSPLOLVHY 83

Db 126 DNGWLYISPRITFSLQALVDHY 148

RESULT 2

Sequence 695, Application US/60213178
GENERAL INFORMATION:
APPLICANT: Beasley, Ellen
TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USBS
FILE REFERENCE: C1000689
CURRENT APPLICATION NUMBER: US/60/213,178
CURRENT FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 1425
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 695
LENGTH: 149
TYPE: PRT
ORGANISM: Human
US-60-213-178-695

Query Match

Best Local Similarity 100.0%; Score 446; DB 27; Length 149;
Matches 83; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 WYEGLSREKAEELLIPGNGAFILRESQTRGYSLSVRLSRPASWDRIHRIHCL 60

Db 66 WYEGLSREKAEELLIPGNGAFILRESQTRGYSLSVRLSRPASWDRIHRIHCL 125

QY 61 DNGWLYISPRITFSLQALVDHY 83

Db 126 DNGWLYISPRITFSLQALVDHY 148

RESULT 3

US-09-791-537-122481
Sequence 122481, Application US/09791537
GENERAL INFORMATION:
APPLICANT: Blomox, Inc.
APPLICANT: Debe, Derek
TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY MEMBE
FILE REFERENCE: 261/210
CURRENT APPLICATION NUMBER: US/09/791,537
CURRENT FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 153055
SOFTWARE: PatentIn version 3.0
SEQ ID NO 122481
LENGTH: 197
TYPE: PRT
ORGANISM: Homo sapiens
US-09-791-537-122481

Query Match

Best Local Similarity 100.0%; Score 446; DB 21; Length 197;
Matches 83; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 WYEGLSREKAEELLIPGNGAFILRESQTRGYSLSVRLSRPASWDRIHRIHCL 60

Db 30 WYEGLSREKAEELLIPGNGAFILRESQTRGYSLSVRLSRPASWDRIHRIHCL 60

QY 61 DNGWLYISPRITFSLQALVDHY 83

Db 90 DNGWLYISPRITFSLQALVDHY 112

RESULT 4

US-09-988-971-2
Sequence 2, Application US/09988971
GENERAL INFORMATION:
APPLICANT: BRISTOL-MYERS SQUIBB COMPANY

TITLE OF INVENTION: CLONING AND EXPRESSION OF HUMAN SLAP-2: A NOVEL
TITLE OF INVENTION: SH2/SH3 DOMAIN-CONTAINING HUMAN SLAP HOMOLOGUE HAVING
FILE REFERENCE: D0043PCT
CURRENT APPLICATION NUMBER: US/09/988,971
CURRENT FILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 60/252545
PRIOR FILING DATE: 2000-11-22
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 261
TYPE: PRT
ORGANISM: Homo sapiens
US-09-988-971-2

Query Match

Best Local Similarity 100.0%; Score 446; DB 23; Length 261;
Matches 83; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 WYEGLSREKAEELLIPGNGAFILRESQTRGYSLSVRLSRPASWDRIHRIHCL 60

Db 94 WYEGLSREKAEELLIPGNGAFILRESQTRGYSLSVRLSRPASWDRIHRIHCL 153

QY 61 DNGWLYISPRITFSLQALVDHY 83

Db 154 DNGWLYISPRITFSLQALVDHY 176

RESULT 5

PCT-US01-42950-448
Sequence 448, Application PC/TUS0142950
GENERAL INFORMATION:
APPLICANT: HySeq, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
FILE REFERENCE: 21272-096
CURRENT APPLICATION NUMBER: PCT/US01/42950
CURRENT FILING DATE: 2001-11-16
PRIOR APPLICATION NUMBER: 09/714,936
PRIOR FILING DATE: 2000-11-17
NUMBER OF SEQ ID NOS: 682
SOFTWARE: PatentIn version 3.0
SEQ ID NO 448
LENGTH: 210
TYPE: PRT
ORGANISM: Homo sapiens
PCT-US01-42950-448

Query Match

Best Local Similarity 98.4%; Score 439; DB 1; Length 210;
Matches 82; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 WYEGLSREKAEELLIPGNGAFILRESQTRGYSLSVRLSRPASWDRIHRIHCL 60

Db 94 WYEGLSREKAEELLIPGNGAFILRESQTRGYSLSVRLSRPASWDRIHRIHCL 153

QY 61 DNGWLYISPRITFSLQALVDHY 83

Db 154 DNGWLYISPRITFSLQALVDHY 176

RESULT 6

US-09-867-550-954
Sequence 954, Application US/09867550
GENERAL INFORMATION:
APPLICANT: Leach, Martin D.
APPLICANT: Mehraban, Foad
APPLICANT: Conley, Pamela
APPLICANT: Law, Debbie
APPLICANT: Topper, James
TITLE OF INVENTION: Novel Polynucleotides from Atherogenic Cells and Polypeptides Em
FILE REFERENCE: 21402-013 (Cura-313)

CURRENT APPLICATION NUMBER: US/09/867,550
CURRENT FILING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: USSN 60/208,427
PRIOR FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 2125
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 954
LENGTH: 159
TYPE: PRT
ORGANISM: Homo sapiens
US-09-867-550-954

Query Match 80.3%; Score 358; DB 22; Length 159;
Best Local Similarity 100.0%; Pred. No. 2.2e-35;
Matches 66; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 WYEGLSREKAEELLPLPQNGAFILRESQTRGSGSYSLVRLSPASMDRIHRYHICL 60
DB 94 WYEGLSREKAEELLPLPQNGAFILRESQTRGSGSYSLVRLSPASMDRIHRYHICL 153
QY 61 DNGWLY 66
DB 154 DNGWLY 159

RESULT 7
US-08-359-490-7
Sequence 7, Application US/08359490

GENERAL INFORMATION:
APPLICANT: Pawson, Anthony
TITLE OF INVENTION: Method for Assaying for a Substance that
Affects an SH2-Phosphorylated Ligand Regulatory System
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bereskin & Parr
STREET: 40 King Street, West
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5H 3J2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/359,490
FILING DATE: 20-DEC-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: McDiarmid, Shona S.
REGISTRATION NUMBER: P-38,798
REFERENCE/DOCKET NUMBER: 3153-135
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 98 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
US-08-359-490-7

Query Match 57.0%; Score 254; DB 7; Length 98;
Best Local Similarity 57.8%; Pred. No. 8.6e-23;
Matches 48; Conservative 13; Mismatches 22; Indels 0; Gaps 0;
QY 1 WYEGLSREKAEELLPLPQNGAFILRESQTRGSGSYSLVRLSPASMDRIHRYHICL 60
DB 1 WFKGISRKDAERQLLPQNMGLSFMIRDSFTTKGSGSYSLVRYDPPQGDVYKHVYKIRTL 60

QY 61 DNGWLYSPRLTFPSLOALVDHY 83
DB 61 DNGWLYSPRLTFPSLOALVDHY 83

RESULT 8
US-08-475-031-7
Sequence 7, Application US/08475031

GENERAL INFORMATION:
APPLICANT: Pawson, Anthony
TITLE OF INVENTION: Method for Assaying for a Substance that
Affects an SH2-Phosphorylated Ligand Regulatory System
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bereskin & Parr
STREET: 40 King Street, West
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5H 3J2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/475,031
FILING DATE: June 6, 1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Linda M. Kurdzyk
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153-161
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 98 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
US-08-475-031-7

Query Match 57.0%; Score 254; DB 8; Length 98;
Best Local Similarity 57.8%; Pred. No. 8.6e-23;
Matches 48; Conservative 13; Mismatches 22; Indels 0; Gaps 0;

QY 1 WYEGLSREKAEELLPLPQNGAFILRESQTRGSGSYSLVRLSPASMDRIHRYHICL 60
DB 1 WFKGISRKDAERQLLPQNMGLSFMIRDSFTTKGSGSYSLVRYDPPQGDVYKHVYKIRTL 60
QY 61 DNGWLYSPRLTFPSLOALVDHY 83
DB 61 DNGWLYSPRLTFPSLOALVDHY 83

RESULT 9

US-09-791-537-152868
Sequence 152868, Application US/09791537
GENERAL INFORMATION:
APPLICANT: Bionomix, Inc.
APPLICANT: Debe, Derek
APPLICANT: Danzer, Joseph
TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY MEMB
FILE REFERENCE: 261/210
CURRENT APPLICATION NUMBER: US/09/791,537
CURRENT FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 153055
SOFTWARE: PatentIn version 3.0
SEQ ID NO 152868

ORGANISM: pdb 1AD5A
FEATURE:
NAME/KEY: misc feature
LOCATION: (434) (434)
OTHER INFORMATION: X is an unknown amino acid
US-09-791-537-152929

Query Match 57.0%; Score 254; DB 21; Length 438;
Best Local Similarity 57.8%; Pred. No. 5.4e-22;
Matches 48; Conservative 13; Mismatches 22; Indels 0; Gaps 0;

Qy 1 WLYEGLSREKAEELLPGNPGAFILRSQTRGSSYSLSVRLSPASMDRIHYRIHCL 60
DB 66 WFKGISRKDAERQLAPGNMGLSFMRDSEITTKGSSYSLSVRYDPRQGDVTKHYKIRTL 125
Qy 61 DNGWLYISPRITFSPSLQALVDHY 83
DB 126 DNGGFYSRSTFTLQELVDHY 148

RESULT 14
US-09-791-537-152367

Sequence 152367, Application US/09791537

GENERAL INFORMATION:

APPLICANT: Biogenix, Inc.

APPLICANT: Danzer, Joseph

TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY MEMB

FILE REFERENCE: 261/210

CURRENT APPLICATION NUMBER: US/09/791,537

CURRENT FILING DATE: 2001-02-22

NUMBER OF SEQ ID NOS: 153055

SOFTWARE: Patent version 3.0

SEQ ID NO 152367

LENGTH: 454

TYPE: PRT

ORGANISM: pdb 1QCPA

FEATURE:

NAME/KEY: misc feature

LOCATION: (450) (450)

OTHER INFORMATION: X is an unknown amino acid

US-09-791-537-152367

Query Match 57.0%; Score 254; DB 21; Length 454;
Best Local Similarity 57.8%; Pred. No. 5.6e-22;
Matches 48; Conservative 13; Mismatches 22; Indels 0; Gaps 0;

Qy 1 WLYEGLSREKAEELLPGNPGAFILRSQTRGSSYSLSVRLSPASMDRIHYRIHCL 60
DB 72 WFKGISRKDAERQLAPGNMGLSFMRDSEITTKGSSYSLSVRYDPRQGDVTKHYKIRTL 131

Qy 61 DNGWLYISPRITFSPSLQALVDHY 83
DB 132 DNGGFYSRSTFTLQELVDHY 154

RESULT 15
US-08-232-545-17

Sequence 17, Application US/08232545

GENERAL INFORMATION:

APPLICANT: Ulrich, Axel

APPLICANT: Glshizsky, Mikhail

APPLICANT: Sures, Itman G.

TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine

TITLE OF INVENTION: Kinases

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: U.S.A.

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/232,545

FILING DATE: 22-APR-1994

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A.

REGISTRATION NUMBER: 30,742

REFERENCE/DOCKET NUMBER: 7683-050

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212)790-9090

TELEFAX: (212)869-9741

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 505 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: protein

US-08-232-545-17

Query Match 57.0%; Score 254; DB 6; Length 505;

Best Local Similarity 57.8%; Pred. No. 6.4e-22;

Matches 48; Conservative 13; Mismatches 22; Indels 0; Gaps 0;

Qy 1 WLYEGLSREKAEELLPGNPGAFILRSQTRGSSYSLSVRLSPASMDRIHYRIHCL 60
DB 123 WFKGISRKDAERQLAPGNMGLSFMRDSEITTKGSSYSLSVRYDPRQGDVTKHYKIRTL 182
Qy 61 DNGWLYISPRITFSPSLQALVDHY 83
DB 183 DNGGFYSRSTFTLQELVDHY 205

Search completed: March 24, 2003, 16:03:25
Job time: 82.3636 secs

